

**GOVERNMENT OF INDIA
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION**

**LOK SABHA
UNSTARRED QUESTION NO. 3559
TO BE ANSWERED ON WEDNESDAY, THE 2ND JANUARY, 2019**

BACK SERIES DATA

3559. SHRI RAVNEET SINGH:

SHRI JAYADEV GALLA:

Will the Minister of STATISTICS AND PROGRAMME IMPLEMENTATION be pleased to state:

(a) whether there is any discrepancy between the back series data released by the CSO and that of the National Statistical Commission and if so, the details thereof;

(b) the details of the Gross Fixed Capital Formation of the previous Government of fifteen years and the current Government, under the old (2004-05) and new (2011-12) series; and

(c) whether the back series data incorporated any new methodology and if so the details thereof ?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI VIJAY GOEL)

(a): The National Statistical Commission (NSC) constituted a Committee on Real Sector. This Committee also looked at linking old and new GDP series. The Committee adopted the technique of 'production- shift approach' to back cast the new series estimates. In this approach the difference between the new and the old series of estimates of the base year is distributed across the past years for which back series is estimated using an econometric model but not based on using new methodology and data sources. The alternative suggested by Committee on Real Sector Statistics was examined by Advisory Committee on

National Accounts Statistics (ACNAS) which felt that it would not be appropriate to have a single uniform approach across all sectors. Based on the results of the various alternatives and iterations, a detailed approach was adopted by this ministry, in line with the methodology of 2011-12 Base Year Series and the UN System of National Account (SNA)-2008 guidelines.

(b): The details of the Gross Fixed Capital Formation under the old (2004-05) and new (2011-12) series is given in the table below:

Gross Fixed Capital Formation (GFCF)				(Rs. in Crore)	
S No.	Years	2004-05 Series		2011-12 Series	
		at current Prices	at 2004-05 prices	at current Prices	at 2011-12 prices
1	1996-97	328046	465355	-	-
2	1997-98	372401	506706	-	-
3	1998-99	427069	555913	-	-
4	1999-00	484666	599973	-	-
5	2000-01	495196	591610	-	-
6	2001-02	590240	682143	-	-
7	2002-03	601120	679170	-	-
8	2003-04	697478	750940	-	-
9	2004-05	931028	931028	978463	1405052
10	2005-06	1120292	1081792	1189715	1636060
11	2006-07	1343775	1231266	1428913	1863048
12	2007-08	1641673	1430764	1754352	2167264
13	2008-09	1821099	1480943	1914401	2236602
14	2009-10	2055772	1594474	2161499	2408303
15	2010-11	2407070	1769793	2536936	2674328
16	2011-12	2861064	1986645	2997733	2997733
17	2012-13	-	-	3324973	3145793
18	2013-14	-	-	3515621	3194924
19	2014-15	-	-	3750392	3278096
20	2015-16	-	-	3918237	3448193
21	2016-17	-	-	4352498	3797875
22	2017-18	-	-	4778894	4087557

(c): CSO, based on available data, has adopted methodology of revised base 2011-12 Series in preparation of Back-Series. The improvements in the compilation of Gross Domestic Product (GDP) with Base 2011-12 over the earlier series (Base 2004-05) are included in the Press Release of 28th November 2018 and the major ones are summarised below:

- **The 2004-05 Series followed SNA 1968 and SNA 1993 whereas 2011-12 Series follows SNA 2008, which are the latest guidelines of UN on National Accounting concepts.**
- **In the new series, estimation has been done at basic prices as per SNA 2008 in place of estimation at factor cost followed till 2004-05 series.**
- **In the current series, Institution-wise compilation of aggregates has been done instead of aggregate approach.**
- **Compilation of Financial Services Indirectly Measured (FISIM) was done in 2011-12 Series using the reference rate method rather than averaging credits and deposits.**
- **In the new series, sector specific Consumer Price Index (CPI) of sectors of health, education, transport & communication etc. have been used as compared to CPI Industrial workers (IW) & Agricultural Labourers (AL) used in the earlier series.**

The Back-Series methodology was presented before the Advisory Committee on National Account Statistics (ACNAS), which is a specialized body comprising of experts from various institutions in the related field. After the approval of the methodology by the committee, the results were released and have been uploaded on the website of this Ministry.
